

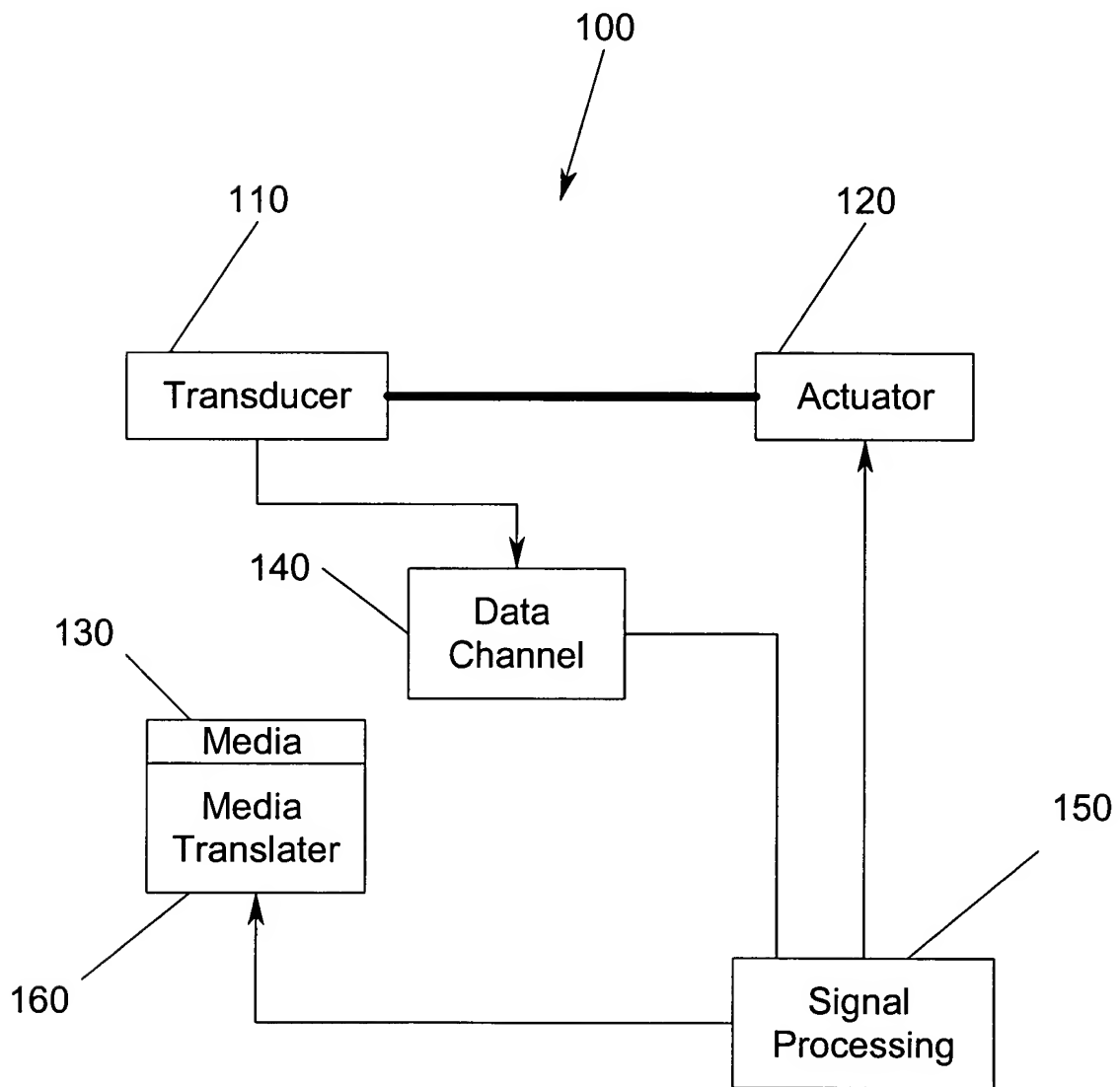


Title: METHOD AND APPARATUS FOR ENHANCING  
THERMAL STABILITY, IMPROVING BIASING AND  
REDUCING DAMAGE FROM ELECTROSTATIC DISCHARGE  
IN SELF-PINNED ABUTTED JUNCTION HEADS HAVING A  
SELF-PINNED BIAS LAYER EXTENDING BEYOND THE FREE LAYER

Applicants: Gill, et al.

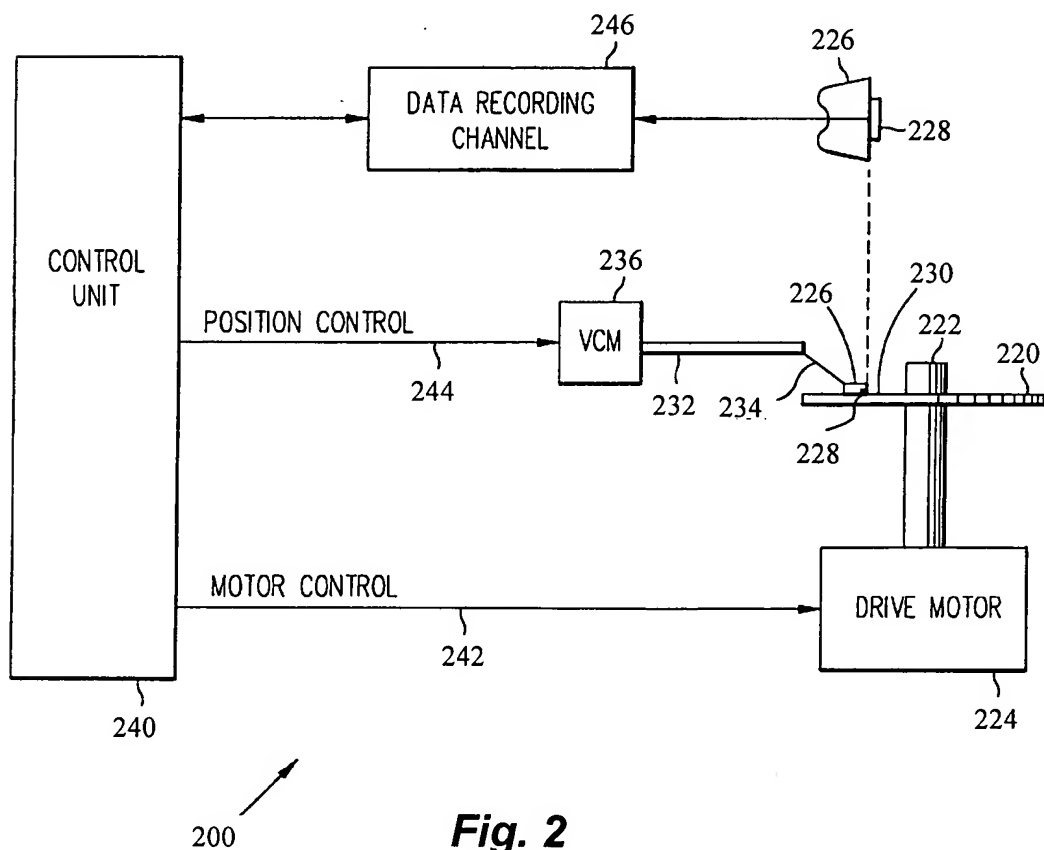
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**Fig. 1**

TTITLE: METHOD AND APPARATUS FOR ENHANCING  
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**Fig. 2**

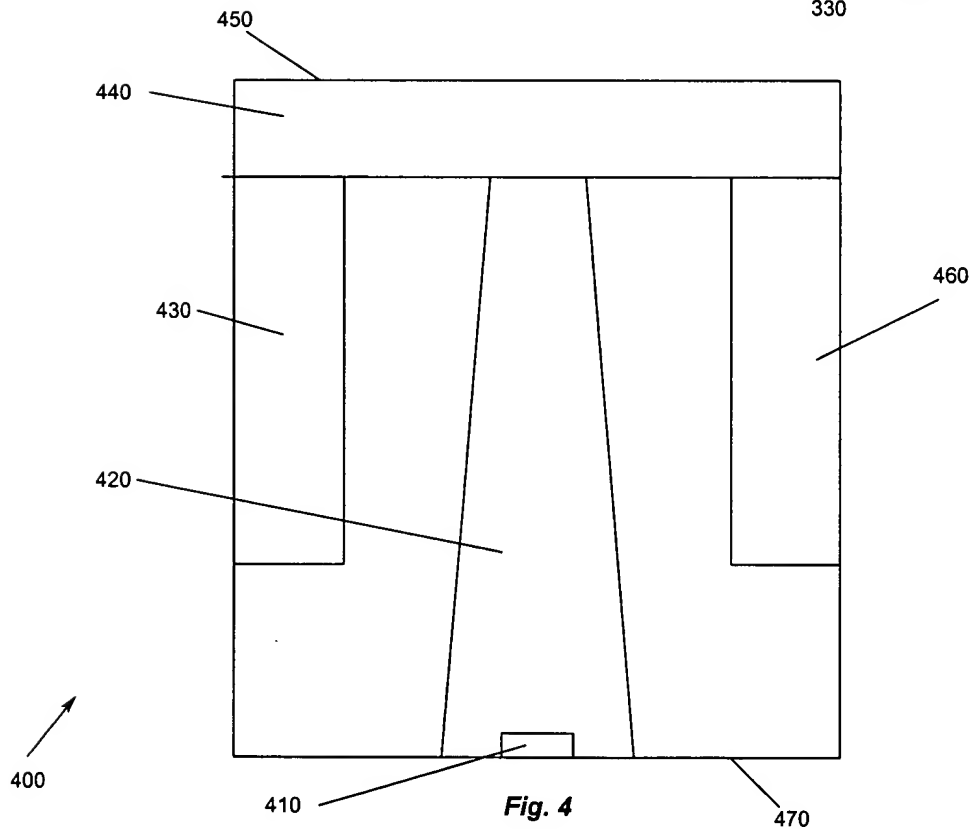
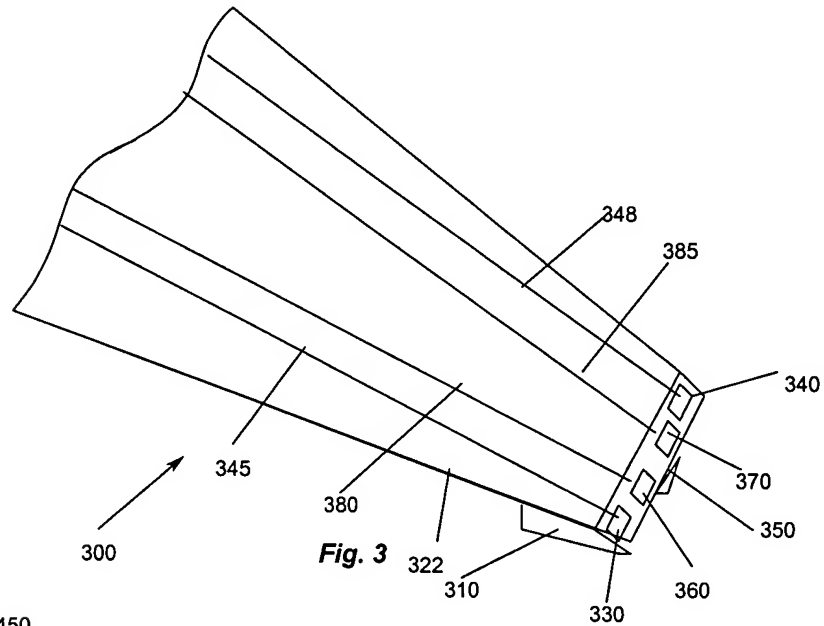
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Replacement Sheet

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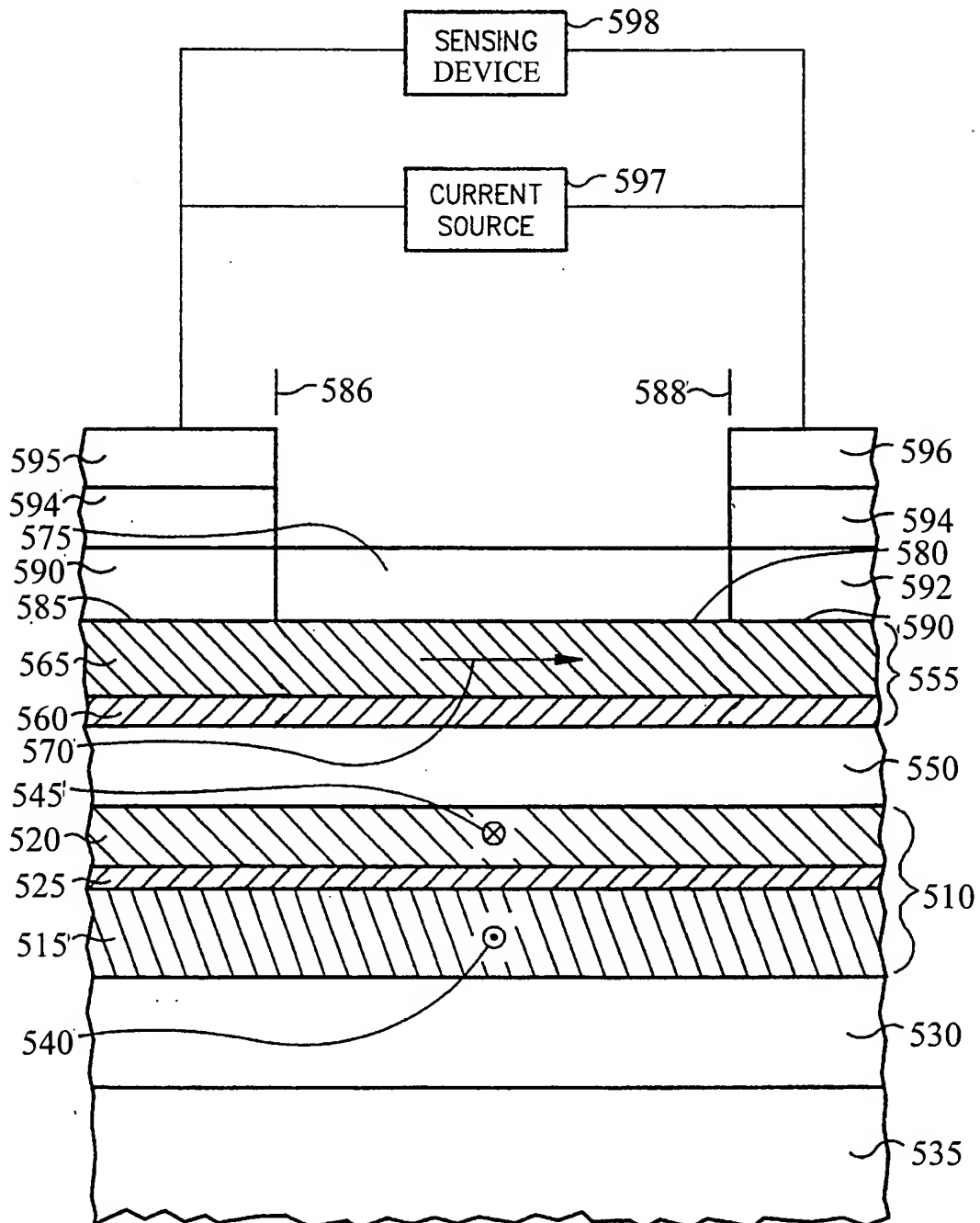


Fig. 5

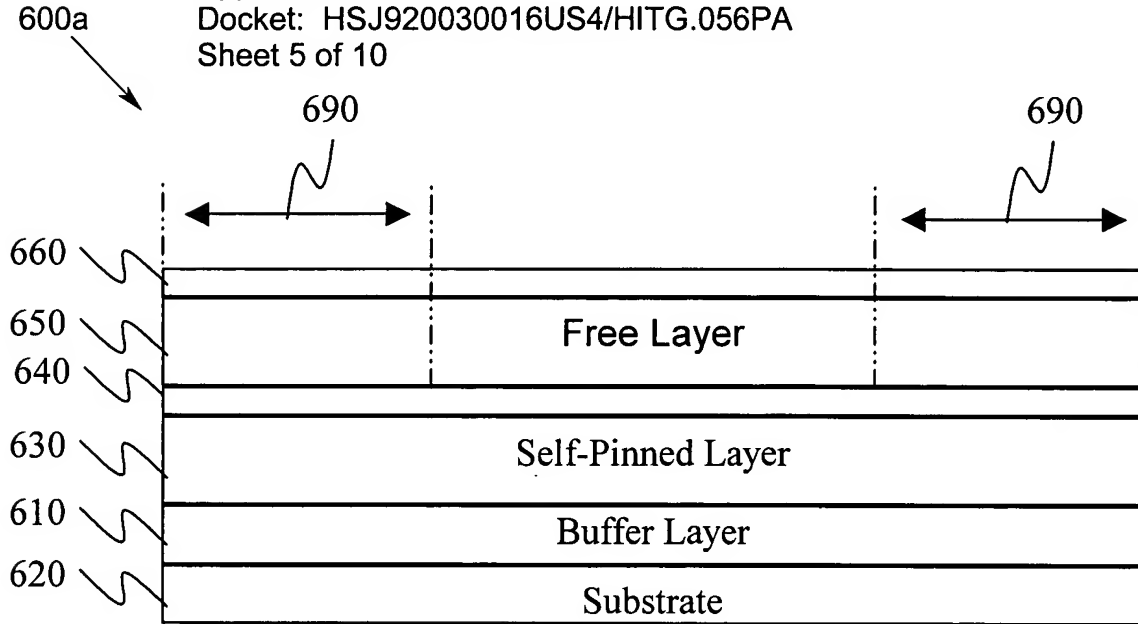
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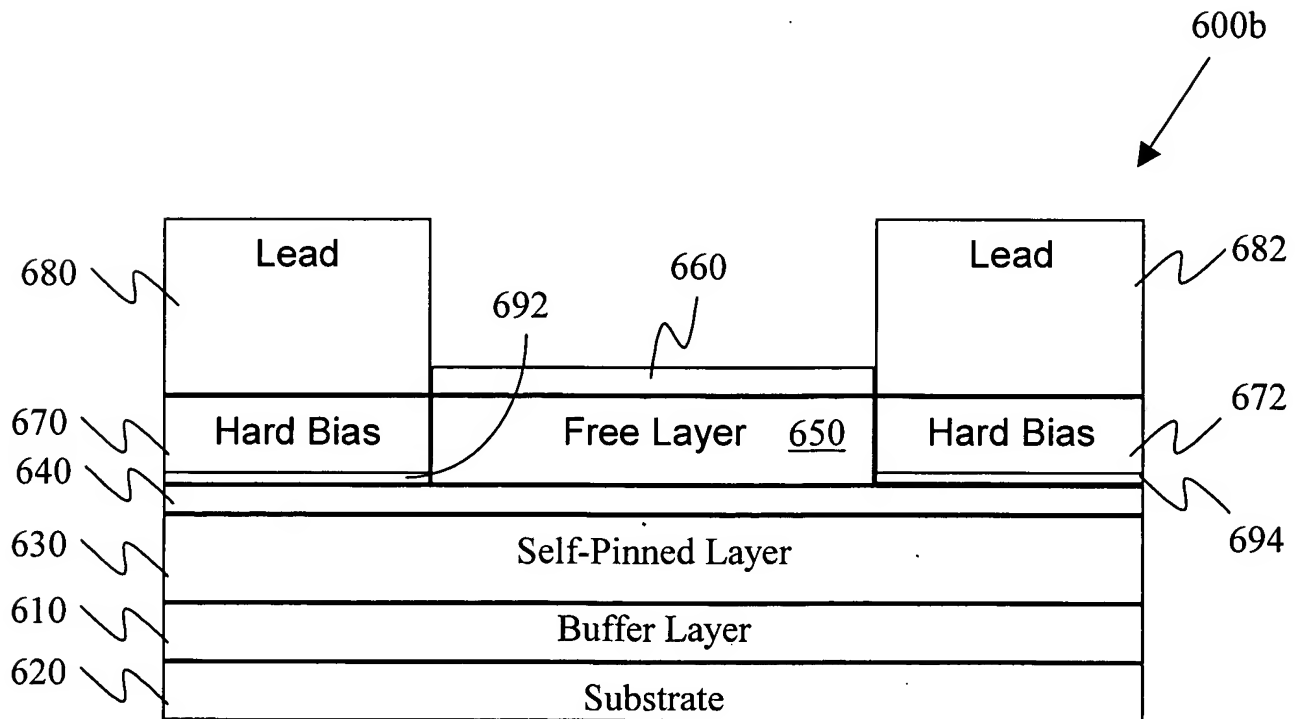
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**Fig. 6a**



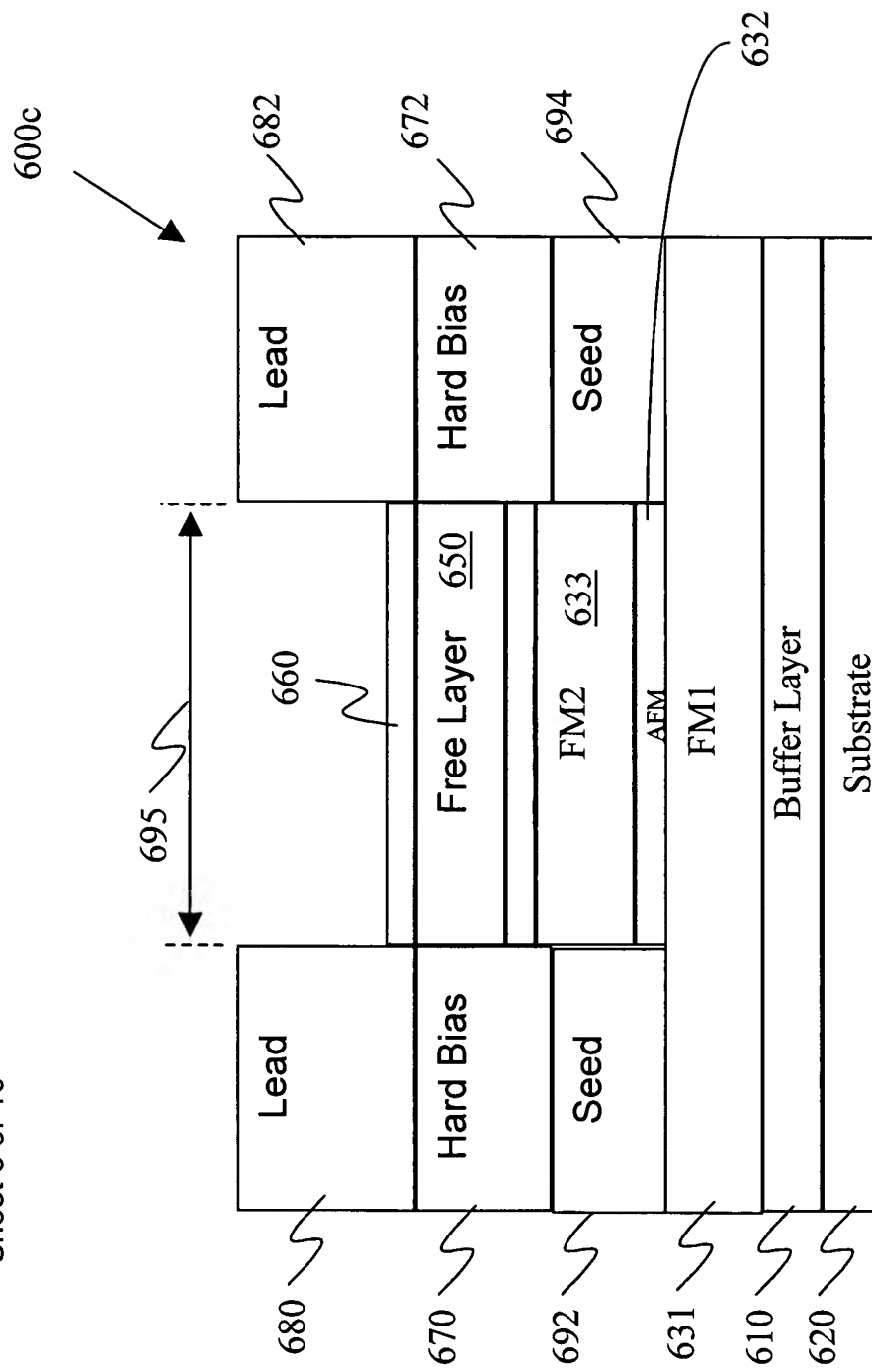
**Fig. 6b**

Title: METHOD AND APPARATUS FOR ENHANCING THERMAL STABILITY, IMPROVING BIASING AND REDUCING DAMAGE FROM ELECTROSTATIC DISCHARGE IN SELF-PINNED ABUTTED JUNCTION HEADS HAVING A SELF-PINNED BIAS LAYER EXTENDING BEYOND THE FREE LAYER

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**Fig. 6c**

Title: METHOD AND APPARATUS FOR ENHANCING  
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SELF-PINNED BIAS LAYER EXTENDING BEYOND THE FREE LAYER 600d  
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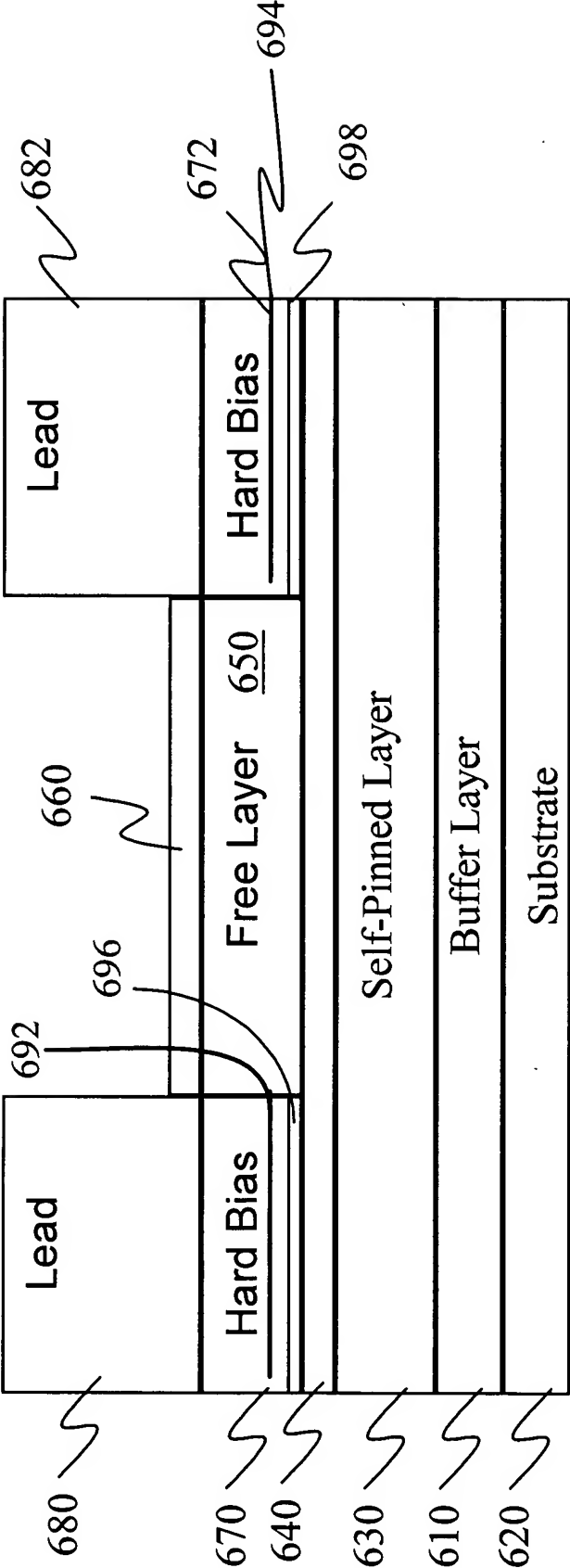


Fig. 6d

Title: METHOD AND APPARATUS FOR ENHANCING  
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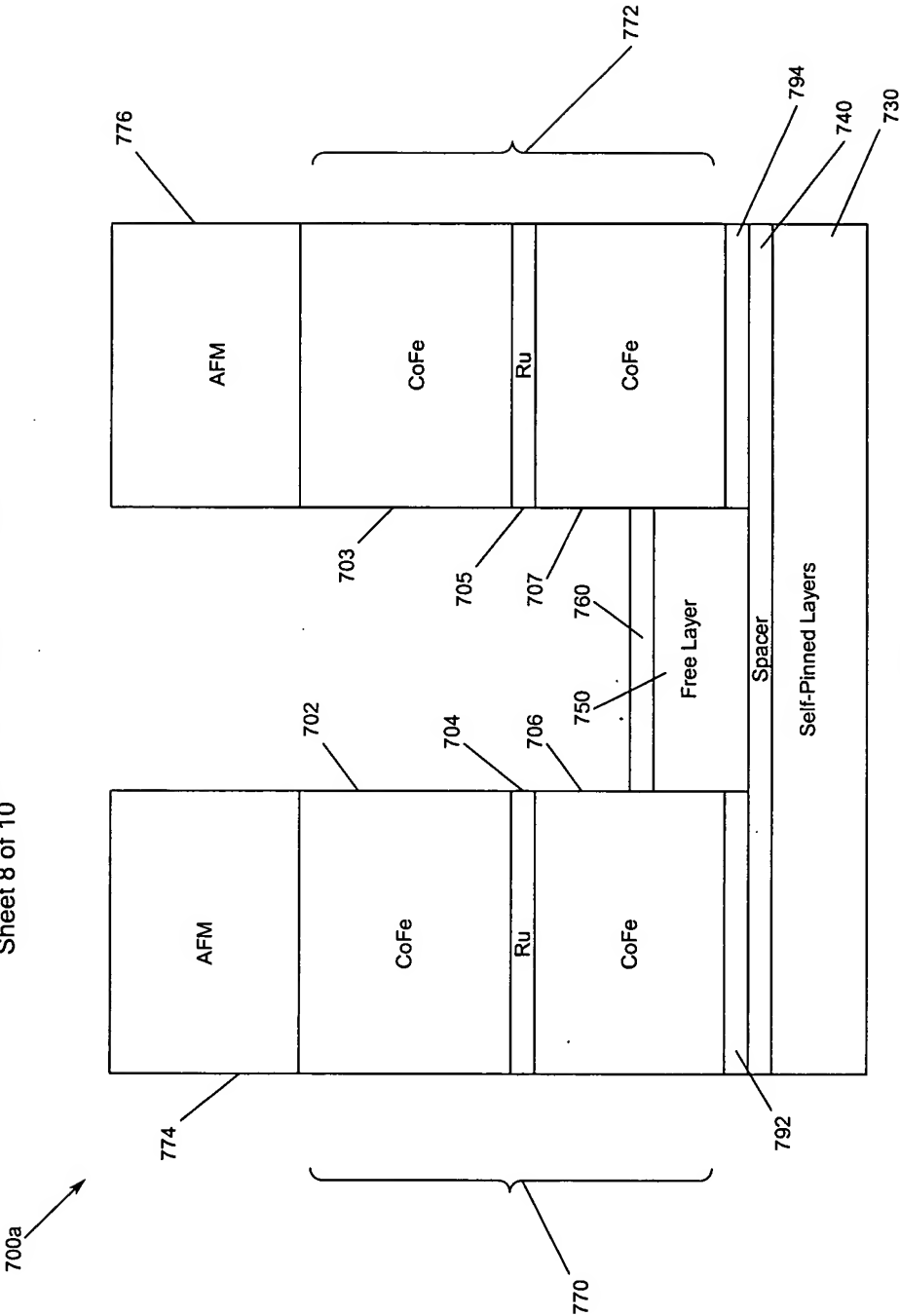


Fig. 7a

Title: METHOD AND APPARATUS FOR ENHANCING  
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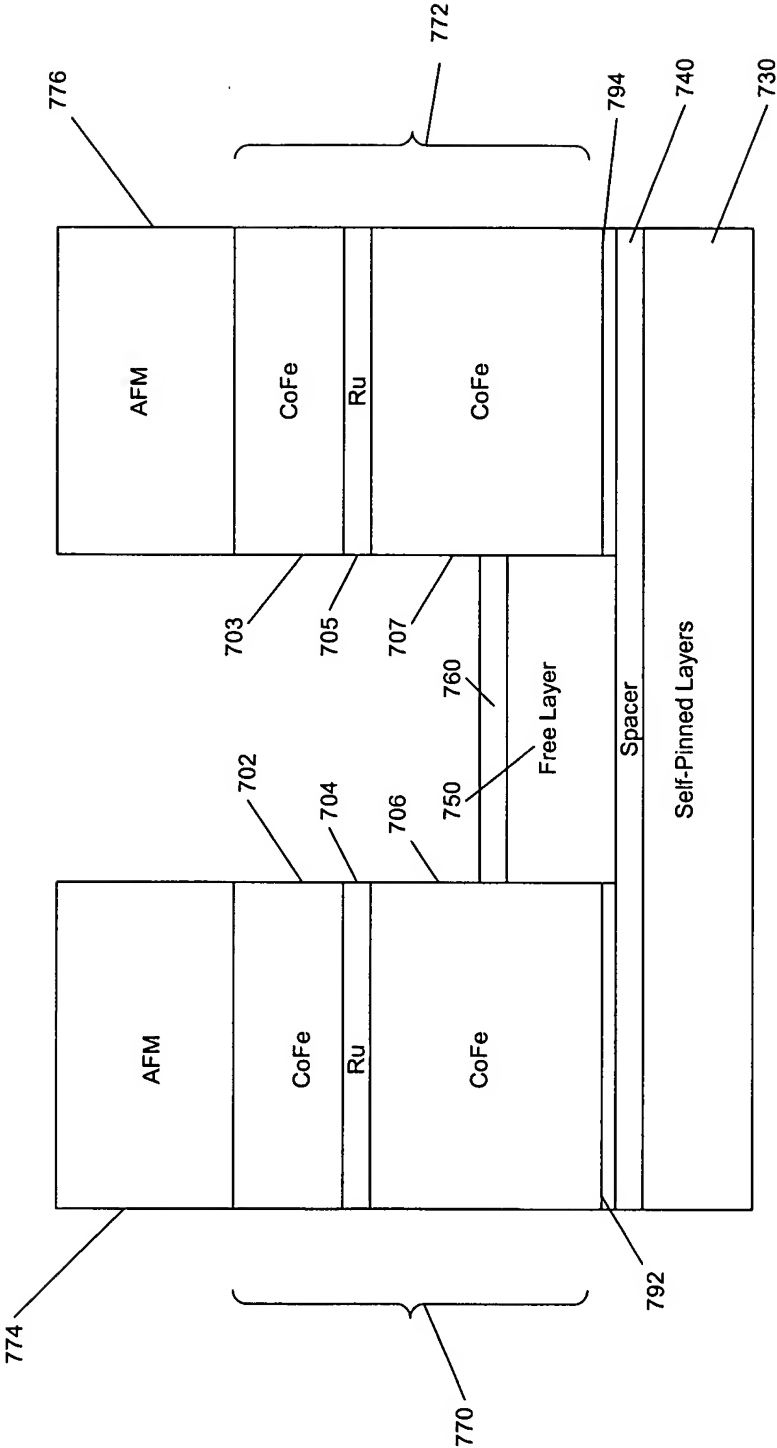


Fig. 7b

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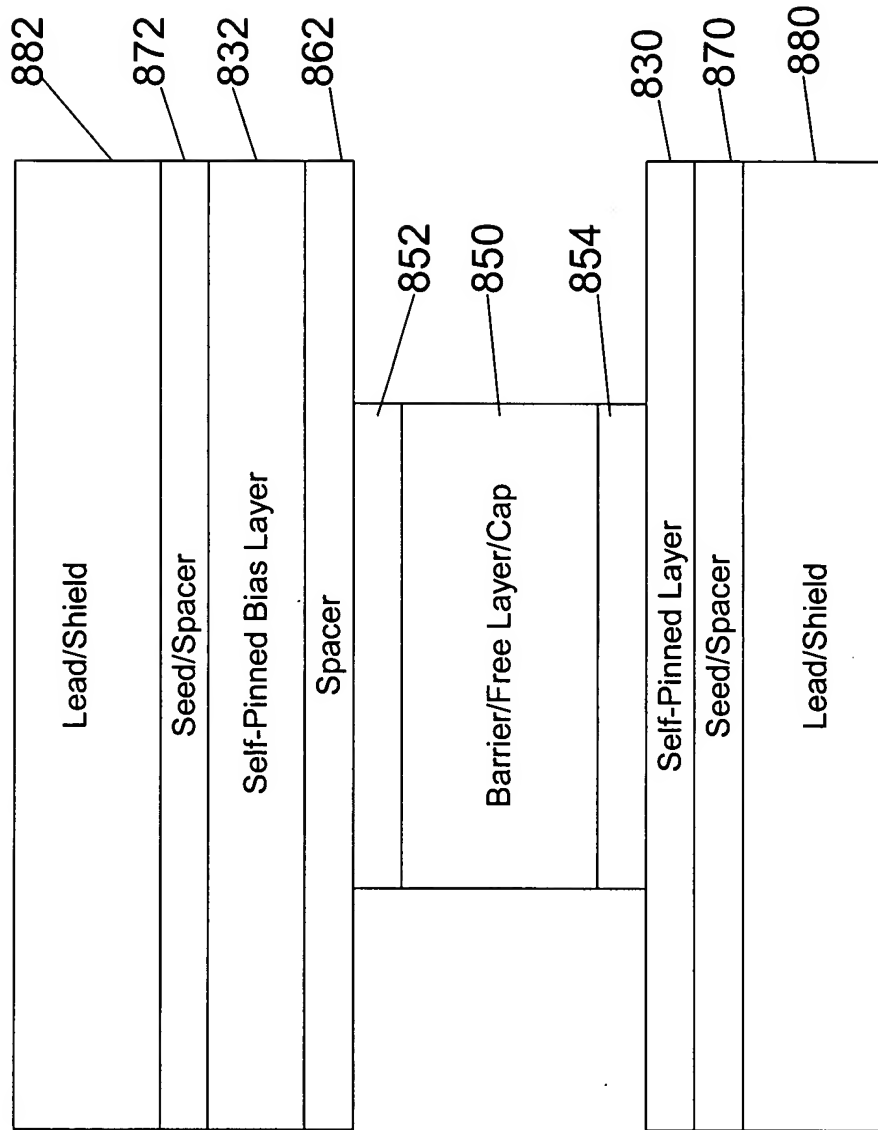


Fig. 8